

1001 Rec'd PCT/PTO 15 JUL 2005

U. S. PATENT AND TRADEMARK OFFICE  
U. S. DEPARTMENT OF COMMERCE**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

## ATTORNEY'S DOCKET NUMBER

21321P

## U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/1542287**INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE  
PCT/US2004/000689 13 JANUARY 2004PRIORITY DATE CLAIMED  
17 JANUARY 2003

## TITLE OF INVENTION

N-CYCLOHEXYLAMINOCARBONYL BENZENESULFONAMIDE DERIVATIVES

## APPLICANT(S) FOR DO/EO/US

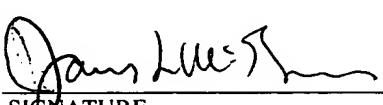
Soumya P. Sahoo, Hiroo Koyama, Daniel J. Miller

**Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:**

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (PCT Article 31).
5.  A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]
  - a.  is attached hereto
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9.  An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

**Items 11 to 20 below concern other document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18.  A second copy of the published International Application under 35 U.S.C.154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C.154(d)(4).
20.  Other items or information:

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER	
<b>10/542287</b>	PCT/US2004/000689	21321P	
The following fees are submitted:		<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21. <input checked="" type="checkbox"/> Basic national fee.....\$300			
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations.....\$200		\$300.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....\$400 All other situations.....\$500		\$0.00	
		<b>TOTAL OF 21, 22 and 23=</b>	\$300.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
32 - 100 =	0 /50	0 = 0	X \$250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	19 - 20 =	0	X \$50.00
Independent Claims	1 - 3 =	0	X \$200.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00	
		<b>TOTAL OF ABOVE CALCULATIONS (SUBTOTAL)</b>	\$300.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date [37 CFR 1.492(f)].		+ \$300.00	
		<b>TOTAL NATIONAL FEE</b>	\$300.00
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.		+ \$40.00	
		<b>TOTAL FEES ENCLOSED</b>	\$300.00
		Amount to be refunded:	
		Amount to be charged:	
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.			
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$300.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u> . A duplicate copy of this sheet is enclosed.			
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status.			
SEND ALL CORRESPONDENCE TO:			
Customer No. 000210			
MERCK & CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970			
 <b>SIGNATURE</b> James L. McGinnis NAME 34,387 REGISTRATION NUMBER			
DATE: <u>July 15, 2005</u>			
PHONE #: <u>(732) 594-0641</u>			

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DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING  
A FILING UNDER 35 U.S.C. 371

Serial No. PCT/US2004/000689  
Case Docket No.: 21321P  
International Filing Date: 13 January 2004  
Priority Date: 17 January 2003  
Title: N-CYCLOHEXYLAMINOCARBONYL  
BENZENESULFONAMIDE DERIVATIVES

Inventors: SOUMYA P. SAHOO, HIROO KOYAMA, and  
DANIEL J. MILLER

EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT July 15, 2005

EXPRESS MAIL NO. EL989586646US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING  
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS  
EXPRESS MAIL "POST OFFICE TO ADDRESSEE" BEFORE  
5 P.M. ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO  
COMMISSIONER OF PATENTS AND TRADEMARKS, BOX PCT,  
WASHINGTON, D.C. 20231.

MAILED BY Lynn Jettner DATE July 15, 2005